

Amendments to the Specification are as follows:

Before the first sentence on page 1 please insert the following paragraph.

This application claims the benefit of priority to Japanese Patent Application No. 2003-042768, herein incorporated by reference.

Please amend the paragraph beginning on page 3, line 19 and ending on page 3, line 23 as follows:

~~Embodiments~~~~In order to solve the above-described problem, an object~~ of the present invention ~~is to provide a force-applying input device in which the force is applied to the operating unit at a suitable time in accordance with the operation of the operating unit and which can perform stable force control.~~

Please amend the paragraph beginning on page 3, line 24 and ending on page 4, line 9 as follows:

~~In order to attain the above-described object,~~ a force-applying input device according to one embodiment of the present invention includes an operating unit; a position sensor which detects the operational state of the operating unit and outputs a position signal; an actuator which applies an external force to the operating unit; and a controller which outputs an actuator drive signal on the basis of the position signal to control the actuator. The controller calculates a current position and a current speed of the operating unit on the basis of the position signal and determines a first component of the actuator drive signal, the first component corresponding to the current position, by multiplying the sum of the current position and the product of the current speed and a coefficient by an elastic modulus.

Please amend the paragraph beginning on page 4, line 27 and ending on page 5, line 7 as follows:

~~In addition, in order to attain the object of the present invention, t~~The controller included in the force-applying input device according to another embodiment of the present invention calculates the actuator drive signal by adding the first component of the actuator drive signal and a second component of the actuator drive signal, the second component corresponding

to the current speed and being determined by multiplying the current speed by a coefficient of viscous friction.

Please amend the paragraph beginning on page 5, line 17 and ending on page 6, line 8 as follows:

~~In addition, in order to attain the object of the present invention, A~~
a force-applying input device according to yet another embodiment of the
present invention includes an operating unit; a position sensor which detects
the operational state of the operating unit and outputs a position signal; an
actuator which applies an external force to the operating unit; and a controller
which outputs an actuator drive signal on the basis of the position signal to
control the actuator. The controller calculates a current position and a current
speed of the operating unit on the basis of the position signal, determines a
first component of the actuator drive signal, the first component corresponding
to the current position, by multiplying the current position by an elastic
modulus and a second component of the actuator drive signal, the second
component corresponding to the current speed, by multiplying the sum of a
coefficient of viscous friction and the product of the elastic modulus and a
coefficient by the current speed, and calculates the actuator drive signal by
adding the first component and the second component of the actuator drive
signal.